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28986 7590 09/27/2005

HARRIET M. STRIMPEL; NEW ENGLAND BIOLABS, INC.
240 COUNTY ROAD
IPSWICH, MA 01938-2723

10/14/2005 HGUTEMAR 00000053 10501196

01 FC:2501 700.00 OP
 02 FC:1504 300.00 OP
 03 FC:8001 30.00 OP

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Leslie Goldberg (Depositor's name)
Leslie Goldberg (Signature)
October 11, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/501,196	07/09/2004	James C Samuelson	NEB-198-PUS	1732

TITLE OF INVENTION: ALTERATION OF RESTRICTION ENDONUCLEASE SPECIFICITY BY GENETIC SELECTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	12/27/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
PATTERSON, CHARLES L JR	1652	435-193000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **Harriet M. Strimpel**
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

New England Biolabs, Inc.

Ipswich, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Harriet Strimpel
Harriet M. Strimpel, D.Phil.

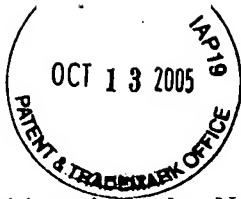
Date **October 11, 2005**

Typed or printed name

Registration No. **37,008**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Practitioner's Docket No. NEB-198-PUS

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: James C. Samuelson, Shuang-yong Xu

Application No.: 10/501,196

Group No.: 1645

Filed: January 9, 2003

Examiner: Patterson

For: Alteration of Restriction Endonuclease Specificity by Genetic Selection

Mail Stop Issue Fee

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. § 1.311)
AND PAYMENT OF PUBLICATION FEE ((37 C.F.R. § 1.211(e))

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.

2. Applicant

A. Asserted small entity status in this application on July 9, 2004 by payment of the national filing fee as a small entity. (37 C.F.R. § 1.27(c)(3))

It is confirmed that small entity status for this application has been checked and it is still in effect and is being asserted.

CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10*

(When using *Express Mail*, the *Express Mail* label number is *mandatory*;
Express Mail certification is *optional*.)

I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. § 1.8(a)

X with sufficient postage as first class mail.

37 C.F.R. § 1.10*

G as "Express Mail Post Office to Addressee"

Mailing Label No. _____ (mandatory)

TRANSMISSION

G facsimile transmitted to the Patent and Trademark Office, (703) _____

Signature

Date: October 11, 2005

Leslie Goldberg

(type or print name of person certifying)

* Only the date of filing (' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" (' 1.10) or facsimile transmission (' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

B. Applicant hereby asserts small entity status for this application.

3. Fee (37 C.F.R. § 1.18 (a)):

Application status is small business entity with a fee of \$700.00.

4. Applicant hereby pays the publication fee for this application.

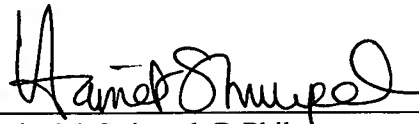
5. The publication fee set forth in § 1.18(d) (300.00) is required by 37 C.F.R. § 1.211(e).

6. Payment of fee:

Attached is a check in the amount of \$1,030.00, covering payment of the issue and publication fees and 30 copies of the patent.

A duplicate of this paper is attached.

Date: October 11, 2005



Harriet M. Strimpel, D.Phil.
Registration No. 37,008
New England Biolabs, Inc.
240 County Road
Ipswich, MA 01938-2723
978-380-7373
Customer No. 28986